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Title: (U) Pu/Z/ICE Waste Disposition Working Group: June 16, Meeting

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(U) Pu/Z/ICE Waste Disposition Working Group: June 16, Meeting

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June 16, 2021

Bottom Line Up Front

- Still awaiting for final Site-Specific TRAMPAC prior to scheduling MLUs
- Shipment is pushing past June, SNL readiness?
- The Plan
 - Load TRUPACT-IIs with 5 SWBs (6 shots) using MLU at SNL's Tech Area 5
 - Conduct a routine shipment of this ATL E material to TA-55
 - Unload and stage the SWBs at TA-55 until they can moved down to TA-54
- Near-term Activities
 - *Evaluate programmatic impacts of second shipment to remove all 9X expended targets (7X SWBs) currently contained in SWBs*
 - Continue to engage CBFO for approval of Site-Specific TRAMPAC
 - Schedule the MLU resources

Site-Specific TRAMPAC

- Engaging CCP through Betty and Kiki
 - LANL has provided supporting documentation for all CCP requests
- CCP must approve first, then requires CBFO approval
- Can this group more effectively engage with CCP and CBFO to move this along?
 - Suggestions/Actions: Kiki and Betty will continue to engage CCP

N3B Approval to Accept SWBs

- LANL has received verbal notification that N3B has completed its review and that they will accept the 5X SWBs defined in current work scope
 - Expect official documentation in the next week or so
- S. Clemmons is taking action to request increase in N3B acceptance of SWBs from 5X to 7X (covering all packaged waste)

MLUs and Shipment Date

- Original target date for shipping was June
 - Without approvals in-hand, this date will slip
- LANL is not able to engage formally with CCP to schedule shipment until Site-Specific TRAMPAC is complete/approved by CBFO
- July & August are not ideal for shipping due to thunder storms (delays), Sept. may be best
- SNL Readiness:
 - Due to activities associated as “radiological”, approval can be given at SNL level (no field office)

Impacts of Multiple Shipments

- Site-Specific TRAMPAC covers all 9X expended targets w/in 7X SWBs
 - Once approved, authorization to move all SWBs
- N3B approval only accepts 5X SWBs
 - Working to increase N3B authorization to all 7X SWBs
- LANL working an assessment of increasing number of shipments from 1X to 2X to enable removal of all waste this FY
 - Once impact assessment is complete, decision will be made on 1X vs. 2X shipments

Actions/Follow-Ups

- Kiki Torres – engage w/ CCP on TRAMPAC
- Betty Humphrey – formal SNL readiness plan
- Betty Humphrey – Jennifer at CCP
- Chris James – engage N3B on increasing SWB count
- Todd Erenstein – SNL crane contract is in place.

Backup

Container Status

30 Shots Conducted Nov 2010 to March 2021

- One failed; system fault closed valve prematurely
- Five are LLW
- Nine are already entombed at WIPP
 - three shipped by LANS; 6 shipped by N3B
- Two are still with N3B prepped & awaiting shipment
- Remaining thirteen staged at SNL
 - eleven have already been packaged into SWBs
 - two are waiting to be packed (2X Mar. 2021 exps.)

First Shipment

- Five SWBs
 - LA00000067127 = Shot 12
 - LA00000067550 = Shot 13
 - LA00000067128 = Shots 14 and 15
 - LA00000067130 = Shot 16
 - LA00000067129 = Shot 17

- All are Attractiveness Level “E” ATL E
- All have been determined to have no programmatic value
- Will be shipped as material: SNL → TA-55 “intersite”